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No. 3]

NEW DELHI, SATURDAY, JANUARY 18, 1969 (PAUSA 28, 1890)

इस भाग में बिना पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 18th January 1969

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 26th October 1968 under the heading "Application for Patents" in page 404 column 1 against No. 117975

for Director, Maharashtra Research Institute,
read Director, Maharashtra Engineering Research Institute.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 28th December 1968

- 119186. Ciba Limited. New peptides and process for their manufacture.
- 119187. Ciba Limited. Washing and cleaning agents and their use.
- 119188. Dhruba Sarkar and Sri Prabir Sankar Ray. Improvement on available pressure bandage or dressing.
- 119189. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic preparation of potassium chlorate.
- 119190. L. Sivaraman. Gastro jejunal tube for surgery of the stomach and oesophagus.
- 119191. J. R. Geigy A. G. Shaped solid body for the control of insects in closed areas and process for the production thereof.
- 119192. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (28th December 1967).
- 119193. Canon Limited-Cannon Limited. Workhead positioning means.

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119194. The Norwich Pharmacal Company. Amides of diaminoacids.

119195. Pirelli Societa Per Azioni. Self contained end for oil-filled electric cable.

119196. J. P. Palkhiwala. Differential mechanism.

The 30th December 1968

119197. B. M. Beards. Powerless operation pump.

119198. R. R. Juneja. Telescopic aerial. [Addition to No. 114260].

119199. Satyen Buxy. A process for aluminizing ferrous materials.

119200. V. Sawalka. Improvements in or relating to yo-yo.

119201. V. Sawalka. Improvements in or relating to drawing device.

119202. Imperial Chemical Industries Limited. New anthraquinone dyestuffs. (16th January 1968).

119203. Memo International Establishment. Improvements in or relating to method and apparatus for splitting up a polychromatic light beam into three component monochromatic beams.

119204. Farbenfabriken Bayer Aktiengesellschaft. Process for the extraction of L-asparaginase.

119205. Farbenfabriken Bayer Aktiengesellschaft. Process for the separation of pyrogens from crude preparations of L-asparaginase.

119206. National Plant Hire (Proprietary) Limited. Improvements in sealing washers.

119207. Lansing Bagnall Limited. Improvements in or relating to control systems for electric motors. (9th January 1968).

119208. J. D. V. Pandarinath. Improved electrical heating appliance for gayzers, water boilers or the like.

The 31st December 1968

119209. Shawinigan Chemicals Limited. Continuous vinyl polymerization process.

119210. Quenot & Cie S.a.r.l. Improved air level.
119211. Quenot & Cie S.a.r.l. Process for making try squares and try squares obtained by this process.
119212. Bristol-Myres Company. Process for the preparation of hypotensive agents.
119213. Aktiebolaget Kamyr. Liquid separation device in a cellulosic material process vessel.
119214. Joseph Lucas (Industries) Limited. Vehicle lamp assembly. (2nd February 1968)
119215. Dejoo Tea Company Limited. Automatic weighing machine.
119216. The Jokai (Assam) Tea Company Limited. Tea drier tray scraper.
119217. Commercial Solvents Corporation. An explosive sensitizer composition and a process for preparing the same. [Addition to No. 114188].
119218. E. R. Squibb & Sons, Inc. Pentafluorocinnamanilide derivatives.
119219. Ciba Limited. Process for the manufacture of 11-aminoalkyl ethers of 6-morphanthridones.
119220. Ciba Limited. New hypocalcaemic peptides and processes for their manufacture.
119221. The Metal Box Company of India Limited. Improvements in or relating to leakproof liners for the closures of containers.
119222. A Hussain. A device for obtaining vision through opaque bodies.

1st January 1969

119223. G. U. K. Nair. New ball bearing bobbin holder (universal type) for fly and ring spinning frames in textile mills.
119224. Isaac Mendel Diller. Method and apparatus for the activation of a fused salt. [Divisional date 1st April 1967].
119225. K. P. Bhawe and V. N. Morgaonkar. An apparatus for protecting three phase operated electrical equipment from single phasing and over load.
119226. Product & Process Development Associates, Inc. High speed bias weaving and braiding.
119227. N. V. Organon. Novel substituted pyrazolidines and their preparation.

2nd January 1969

119228. Dr. K. M. Joshi and G. M. Ganu. Epoxy based ion exchange membranes.
119229. Westinghouse Electric Corporation. Fitted key means using a molded liner.
119230. Siemens Aktiengesellschaft. Crystal-controlled transistorized oscillator. (25th September 1968).
119231. Siemens Aktiengesellschaft. Improvements in or relating to electromagnetic wave filter units. (11th October 1968).
119232. Siemens Aktiengesellschaft. Improvements in or relating to micro-wave circuits. (11th October 1968).
119233. Metallgesellschaft A. G. Firing machine.
119234. Metallgesellschaft A. G. Apparatus for absorbing gaseous constituents.
119235. A. Schoeller. Low bottle crates of synthetic material.
119236. K. Rajagopalan. A product.
119237. Kumial Chemical Industry Co., Ltd. Herbicidal composition.
119238. Kyowa Hakko Kogyo Co., Ltd. Process for producing cells of yeasts containing L-tryptophan.
119239. Texaco Development Corporation. Process control.
119240. Ortho Pharmaceutical Corporation. Pill dispenser with indicating dial.
119241. Deere & Company. Agricultural equipment.

119242. The Eimco Corporation. Exhaust gas conditioner.
119243. Brown & Williamson Tobacco Corporation. Improvements in or relating to method and apparatus for making composite cigarette mouthpiece rods.
119244. Ordena Trudovogo Krasnogo Znameni Zavod "Avtosteklo". Glass tank furnace.
119245. Zaporozhsky Transformatorny Zavod. Device for machining metalstrip edges.
119246. Leningradsky Metallichesky Zavod Imeni XXII Siezda Kps. Electrohydraulic speed controller employed in hydroturbines.
119247. V. A. Obukhov. Stator for electrical machines.
119248. V. A. Obukhov, and V. P. Glazkov. Rotor of a synchronous non-salient-pole machine.
119249. Voennno-Inzhenernaya Krasnoznamennaya Akademia Im. V. Kuibysheva. Process of printing from line originals on transparent support.
119250. Gosudarstvenny Nauchno-Issledovatel'skiy I Proektny Institut Osnovnoi Khimii. Immersion burner.
119251. G. D. Zhovtobryukh, R. I. Piletsky, J. M. Vrodlivets, I. A. Chebotarev, M. I. Durachenko, and P. P. Rybin. Railway hopper car for high-temperature bulk.
119252. Spetsialnoe Konstruktorskoe Bjuro Metp. Galvanic batteries.
119253. Fried Krupp GMBH. Process for the recovery of pur p-zylene.
119254. Veb Chemiefaserkombinat Wilhelm-Pieck-Stadt Guben. Process for the production of filaments. (13th September 1968).
119255. Scientific Adviser to the Minister of Defence and Director General Research and Development, Government of India. Improvements in or relating to sacrificial aluminium alloy anodes for cathodic protection of ships and steel structures.
119256. Scientific Adviser to the Defence Minister, Government of India. Candle wax non drip type—its formulation and method of manufacture.
119257. Jg. Glass Industries Pvt., Ltd. A display cover.
119258. Jg. Glass Industries Pvt., Ltd. An expandable stopper.
119259. S. Jain, C. Srimal, K. Parekh and C. Jain. Compact.
119260. The Dunlop Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (3rd January 1968).
119261. The Dunlop Company Limited. Flexible tubular material. (3rd January 1968).
119262. Farbenfabriken Bayer Aktiengesellschaft. Phosphoric, phosphonic or thiono-phosphoric (-phosphonic) acid esters.
119263. Katsuragawa Denki Kabushiki Kaisha. Methods of electrophotography. (5th September 1968).
119264. Farbenfabriken Bayer Aktiengesellschaft. 2, 4, 5, 6-tetrachloropyrimidine.
119265. Malleable Tube Products of India. An improved high level cistern.
119266. International Standard Electric Corporation. Method for the time-division multiplex transmission of direct-current signals.

3rd January 1969

119267. V. P. Kulkarni. Improvements in or relating to conduits used for electrical wiring.
119268. Siemens Aktiengesellschaft. An arrangement suitable for use as electric circuit components and to methods of producing them. [Divisional date 17th July 1967].
119269. Gestetner Limited. Improvements in or relating to offset printing apparatus. (5th January 1968).
119270. Pirelli General Cable Works Limited. Improvements in or relating to electric cables. (9th January 1968).

119271. Union Carbide Corporation. Primary dry cell.
119272. Vereinigte Österreichische Eisen—und Stahlwerke Aktiengesellschaft. Improvements in or relating to a method of rolling bars cast in continuous casting plants.
119273. E. Schwarz. Apparatus for the automatic determination of fiber length distribution of a fiber population.
119274. Girling Limited. Improvements in fluid control valves. (24th January 1968).
119275. The Dunlop Company Limited. Support member for cushioning material.
119276. Pilkington Brothers Limited. Improvements in or relating to mountings for casting rolls. (5th January 1968).
119277. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of carbon tetrachloride.
119278. H. G. Bhat. Extraction of cellulose from coconut fibre.
119279. J. N. Gadre. A relay to trip the starter of a three phase induction motor off either when the neutral is false or when one of the three supply phases fails.
119280. M. C. Gaikwad. Modified lettering set.
119281. D. K. Saini. Improvements in or relating to housing for a switch fuse combination unite.

Alteration of Date

119223. The application has been deemed to have been made on the 27th December 1968.
117636. Ante-dated to 17th July 1967 under Section 5 of the Act.
116183. Ante-dated to 11th July 1967 under Section 5 of the Act.
111444. The claim to priority date 21st July 1966 has been abandoned and the application dated as of 10th July 1967, the date of filing in India.
112211. Post-dated to 1st June 1968 under Section 5 the Act.
111875. The claim to priority date 9th August 1966 has been disallowed and the application dated as of 8th August 1967, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Design Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

109815. Intermountain Research and Engineering Company, Inc. A slurry type blasting composition. Accepted on 20th December 1968.

Comprises in combination, at least 40% by weight of inorganic nitrate, a suitable proportion of aqueous liquid, between about 5 and 25% by weight based on the total composition to form a plastic gel or slurry and a sensitizing quantity of finely divided aluminium.

109913. Fuller Company. Gas-solids separator. Accepted on 27th December 1968.

Characterized by including a plurality of gas flow control vanes within filler bed, a purging gas nozzle positioned below, a hood positioned above the upper surface of the sector of the filler bed, means for withdrawing purging gas and means supporting the hood and nozzle in opposed verticle alignment.

109915. Farbenfabriken Bayer Aktiengesellschaft. A process for hydrogenating unsaturated compounds in C₂-hydrocarbon tractions. (9th May 1966). Accepted on 27th December 1968.

By trickling down the C₂-fractions in the liquid phase over a noble metal catalyst in a reaction chamber while maintaining a practically static hydrogen atmosphere.

109919. Trico-Folberth Limited. Windscreen wipers. Accepted on 27th December 1968.

Comprising a plurality of elongated pressure transmitting members which serve to distribute pressure from a wiper arm attachment point to a number of point along a backing strip for the rubber, one member is made up of two or more substantially parallel rod shaped parts of rounded cross-section.

109935. Ventron Corporation. A process for vat dyeing. Accepted on 21st December 1968.

Reacting in the absence of vat dyestuff the alkali boronate and the alkali nickel cyanide in the presence of at least a portion of the alkali hydroxide for a sufficient time to obtain an intense reddish-brown colour in the concentrated solution.

109941. General Electric Company. Improvements in or relating to preparation of poly-(1, 4-phenylene ethers) by thermal means. Accepted on 28th December 1968.

Comprises heating in the liquid phase a 4-phenoxy-phenol so that the monocyclic phenol corresponding to the terminal phenoxy group is distilled from the reaction mixture.

109985. Union Carbide Corporation. Method and apparatus for wrapping plurality of layers of thermal insulation around a vessel and double walled container for storing low-boiling liquefied gases incorporating such vessel. Accepted on 30th December 1968.

Comprising a frame carrying a support for a vessel, driving means for rotating said support and shaft means disposed parallel to the axis of said support.

109993. Ministerul Industriei Petrolului. Liquid-vapour or liquid-gas contact bubble plate with hydrodynamic valves. Accepted on 28th December 1968.

Bubble plate comprising a plurality of orifices, said valve being of a hydrodynamic shape and being adapted to float normally to the vapour flow.

110096. Metallgesellschaft A. G. The Steel Company of Canada Ltd. and Pickands Mather & Co. A method of melting mixed charge of scrap material and iron bearing material and a charging bucket used in said method. Accepted on 2nd January 1969.

Initially peripherally charging discrete material to form a bed on the hearth of the furnace sloping upwardly outwardly in proximity to the furnace walls, loading scrap material centrally and initially melting said scrap.

110500. Metal Containers Limited. Ferrous metal articles having at least one surface coated with a sintered polyethlene. Accepted on 30th December 1968.

Being substantially free from compounds which prevent oxidation or which contains an oxidation promoting substance to compensate at the polyethene to steel interface the activity of the compounds present, which prevent oxidation.

110634. O. E. Williams. Steelmaking process. Accepted on 30th December 1968.
Comprising charging either cold or preheated scrap steel making material into a metallurgical furnace, burning a mixture of fuel and oxygen in said furnace, passing said hot gases through a pre-heater unit holding a quantity of scrap steel making material, passing said gases into a waste gas cooling tower, teeming said furnace, emptying the preheated scrap steelmaking material into said furnace, recharging the empty preheater with cold scrap and resuming the cycle of steps.
110785. Marshall's Tea Machinery Company Limited. Improvements in and relating to tea-drying machines. (24th May 1966). Accepted on 23rd December 1968.
A method of drying tea in a chamber through which heated air is passed, comprises the step of effecting a preliminary drying of the tea on a feeder conveyor, immediately prior to the tea being placed in the chamber the temperature of the air supplied to the feeder conveyor being higher than that supplied to the chamber.
110823. Ciba Limited. New coloured fatty substances and process for their manufacture. Accepted on 1st January 1969.
Grinding pigment dyes with oils or glycerin or sorbitan to a mean grain size of less than 10 μ .
111091. Ciba Limited. Preparations of water-insoluble dye-stuffs, processes for their manufacture and materials dyed or printed therewith. Accepted on 13th December 1968.
A water-insoluble colorant of the group of a pigment, a vat dyestuff or a disperse dyestuff is mixed with a hydroxy alkyl cellulose ether.
111144. Mobil Oil Corporation (formerly known as Socony Mobil Oil Company Inc.). Grease composition. [Addition to No. 83104] Accepted on 17th December 1968.
Comprising a grease forming quantity of a chickening agent and a lubricant vehicle produced by the process of polymerising an olefin.
111258. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Composition for influencing the growth of plants and process for preparing herbicidal compounds. Accepted on 26th December 1968.
Comprises an active ingredient and a carrier therefor.
111264. J. R. Geigy A. G. Process for the production of copper or nickel containing bis-formazone dye-stuffs and dyeing or printing therewith. Accepted on 26th December 1968.
Characterised by treating bis-formazone with an agent giving off copper or nickel, said bis-formazone being produced by known methods.
111265. J. R. Geigy A. G. Polymers of acrylyl perfluorohydroxamates. Accepted on 20th December 1968.
By polymerising by bulk solution or emulsion technique in the presence of a radical forming catalyst, compounds methacrylyl perfluorooctanoyl hydroxamate.
111273. Montecatini Edison S.p.A. Process for the purification of pyrite cinders from nonferrous metals. Accepted on 26th December 1968.
Characterized by (a) heating and total or partial reduction to magnetite of cinders by a carbonaceous fuel and air (b) chlorination of hot cinders produced and (c) wet removal of the metal chloride vapours with obtainment of aqueous solutions for recovery of metals.
111313. Himalux Limited. Absorption type refrigerating system. [Addition to No. 82821]. Accepted on 30th December 1968.
Characterized in that a second cooling means is provided at a predetermined distance from first means and being disposed between absorption unit and first cooling means.
111379. S. R. Nanavati. Modelling units for building construction. Accepted on 27th December 1968.
Comprised in two sets, wherein each unit of one set have a plurality of grooves and wherein each unit of the other set have a plurality of projections either shaped or provided with shaped sub projection.
111386. K. A. Konstantinov. Device for upsetting tubular rivets in opening of sheet materials, particularly in rivet holes of printed circuit plates. Accepted on 30th December 1968.
Comprising a riveting die arranged at one side of the tubular rivet and a pinch arranged at the other side of said tubular rivet, an upsetting means adapted for shaping a bearing flange on the protruding end of the tubular rivet.
111387. Nauchno-issledovatelsky institut po udobrenijam i insektofungitsidam im. prof. Ya. V. Samoilova. Contact process of producing sulphuric acid. Accepted on 31st December 1968.
Characterized in that washing of the roaster gas is preceded by oxidising sulphur dioxide with 93 to 98% sulphuric acid.
111444. The British Petroleum Company Limited. Synthetic lubricants for aero gas turbines. Accepted on 1st January 1969.
Comprising an ester basestock consisting of a liquid neutral polyester and in one or more stages (i) an aliphatic mono-and/or polyhydric alcohol and (ii) an aliphatic mono-and/or poly carboxylic acid.
111455. Hari Gopal Mazumdar. A process for the production of moulded shapes of metallised burden from iron ore fines and non coking coals and including lignites for the purpose of iron and steel manufacture. Accepted on 2nd January 1969.
Incorporating coal, char or coke breeze, wood or wood charcoal with iron ore fines and forming briquettes followed by simultaneous reduction, induration and sintering all carried out in one step at a temperature range 600°-1300°C.
111470. Ciba Limited. Phosphoric acid esters and process for their manufacture. Accepted on 1st January 1969.
Reacting an alkali metal salt of an oxymethylene compound with a phosphoric or thiophosphoric acid ester halide.
111483. The Dunlop Company Limited. Improvements in pneumatic tyres. Accepted on 31st December 1968.
A rubber element comprising an inner liner integral with a chafer strip and tyre sidewall rubbers is applied to a tyre building former and the remainder of the tyre is built thereon.
111488. E. Scheubeck. Tap selector for tap changers of regulating transformers. Accepted on 3rd January 1969.
The preselection step of the switch bridge is divided into two half steps the tap selector and the switch bridge through which no current flows lies in each case above the switch bridge.
111493. Universal Oil Products Company. Hydrocarbon stabilization process. Accepted on 31st December 1968.
Comprises incorporating a stabilizing concentration of an antioxidant mixture.
111497. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of aminoanthraquinones. Accepted on 31st December 1968.
Characterises in reducing nitro anthraquinones with sulphur dioxide at 30 to 250°C and at pressure upto 15 excess atmosphere in aqueous H_2SO_4 at pH below 3 in presence of HI or a chloride or sulphate of element or Gr IVb, Ib, IIb, IVa, Va, VIa, or VIII of the periodic system as a catalyst with or without a metal or an alloy thereof that is not readily attachable by aqueous H_2SO_4 .

111524. Halcon International, Inc. Epoxidation of olefins. Accepted on 31st December 1968.

Recovery of the alkylaromatic compounds from the by product of epoxidation comprises (1) removing all unconverted olefin and epoxides (2) removing in a first distillation zone the alkyl aromatic compounds (3) removing the epoxidation catalyst by vaporising the remaining compounds from the catalyst and (4) distilling the vapor from step (3) in a second distillation zone.

111540. Lecsona Corporation. Winding machine. Accepted on 31st December 1968.

Comprising in combination means for supporting a bobbin, yarn delivery means and control means.

111622. Esso Research and Engineering Company. Apparatus for improved contact of fluidized materials. Accepted on 1st January 1969.

Comprising at least one plate across the fluidized vessel having plurality of individual bin like modules, each module provided with tapered downwardly and inwardly to form a bottom central opening, the tapered side walls being perforated to provide openings intermediate the bottom opening and the top of the enclosing side walls.

111875. A. Szegvari. Apparatus, being an agitator assembly. Accepted on 1st January 1969.

Agitator is composed of a vertical shaft having arms tangentially attached directly to it, each arm having its ends exposed and being attached to the shaft at only one location.

111877. Ciba Limited. New disazo pigments and process for their manufacture. Accepted on 1st January 1969.

Wherein a carboxylic acid halide is condensed in a molar ratio of 2 : 1 with an arylene diamine.

112033. Arun Bose. Improvements in or relating to a two-piece button-like fastener. Accepted on 27th December 1968.

Having a male member with a base and a centrally located knob or projection, said knob having an axially transverse protuberance and a female socket member with a corresponding slot for interlocking with the said knob in a locking/unlocking manner by slight turning of the male member.

112132. Fisons Pharmaceuticals Limited. Device for the oral inhalation of medicaments in finely divided form. (17th September 1966). Accepted on 27th December 1968.

Including an elongate housing with one or more passageway for air; and a propeller like device rotatably mounted in the housing, mounting means adapted to receive a puncturable container for the medicament means for perforating the said container.

112211. The Textile & Allied Industries Research Organisation. Cotton trash analyser. Accepted on 27th December 1968.

Comprises a feed roll co-operating with a stationary combing strip, a lickering type cylinder having a set of conventional triangular or air foil grid bars a trash box and a delivery box.

112590. Palitex Project-Company G.m.b.H. Process and mechanism for the refining of twisted yarn. Accepted on 31st December 1968.

Characterised in that the yarn on its way from the top of the yarn balloon to the winding bobbin is singed and moistened during the same process whilst its surface is wiped.

112638. E. Scheubeck. Geneva wheel transmission for tap changers. Accepted on 2nd January 1969.

Wherein incisions of the two geneva wheels for the engagement of cams of a driving crank vary in their distance from one another and in their shape.

112770. Borg-Warner Corporation. A pethier thermoelectric couple and a non-homogeneous thermoelectric element for use therein. Accepted on 28th December 1968.

Thermoelectric element/s formed of material having differing thermoelectric properties along spatial extent thereof between hot and cold junctions, the absolute value of seebeck coefficient of material at cold junction being significantly less than that of the material at hot junction.

113050. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polyamides and filaments obtained therefrom. Accepted on 3rd January 1969.

Containing inorganic nucleating agent of particle size less than 0.5 microns diameter, and mean maximum nucleant separation distance given by $S \leq 2 \int_0^{xc} Gdt$.

113175. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process and catalyst for manufacturing cyclic ketones by catalytic dehydrogenation of cyclic alcohols. Accepted on 28th December 1968.

A catalytic composition comprising (a) zinc oxide (b) an alkaline earth metal oxide (c) an alkaline metal as basic compound and (d) silica.

113413. Halcon International, Inc. Epoxidation process and apparatus for carrying out the same. Accepted on 2nd January 1969.

Conducting liquid phase catalytic reaction between olefinically unsaturated compound and an organic hydroperoxide, in a reactor under autogenous pressure while maintaining the reaction temperature at a level sufficient to volatilize a portion of liquid phase reaction medium.

113435. Kurashiki Rayon Co., Ltd. Polyvinyl alcohol fiber having non-circular cross-section and method of production thereof. Accepted on 30th December 1968.

Comprises spinning polyvinyl alcohol solution into a coagulating bath containing one caustic alkali through non-circular nozzle holes with a spinning draft of 0.8—2.0.

113640. The B. F. Goodrich Company. Oxidation catalyst and process. (8th February 1967). [Addition to No. 103174]. Accepted on 1st January 1969.

By oxidation of a methyl group of a hydrocarbon passing over a catalyst bed a mixture of gases.

114051. Mobil Oil Corporation. A process for effecting catalytic intra and/or inter rearrangement of alkyl aromatic hydrocarbons and products obtained therefrom. Accepted on 1st January 1969.

Which comprises contacting such hydrocarbon with a crystalline aluminosilicate catalyst

114469. Imperial Chemical Industries Limited. Improvements in elongated explosive charge assemblies for marine seismographic prospecting. (10th March 1967). Accepted on 28th December 1968.

Comprises two or more elongated explosive charges joined one end of one to one end of another by means of one or more intermediate drag elements of sufficient length to prevent communication of detonation from one charge to the next.

114499. Council of Scientific and Industrial Research. Production of refined pyrethrum extract of aerosol grade. Accepted on 31st December 1968.

Comprising dissolving pyrethrum oleoresinglycol methyl ether, chilling removing insoluble inert constituents and solvent.

114617. Dana Corporation. Improvements in or relating to clutch mechanisms. Accepted on 2nd January 1969.

Clutch springs react against a member which is supported by one pressure plate in floating relationship relatively thereto, and the floating reaction member is connected to the clutch actuating

levers by links which extend inwardly of the clutch axis and at an acute angle to the clutch actuating levers.

114723. Titangesellschaft MBH. Process and apparatus for the manufacture of finely divided titanium dioxide by reaction of titanium tetrachloride with oxygen. Accepted on 1st January 1969.

By reacting titanium tetrachloride with oxygen or oxygen containing gas in presence of hot combustion gases.

114778. Shell Internationale Research Maatschappij N. V. Catalytic reduction of sulphur dioxide to hydrogen sulphide. (2nd March 1967). Accepted on 1st January 1969.

Process for the reduction of sulphur dioxide to hydrogen sulphide which comprises of contacting sulphur dioxide and free or combined hydrogen with a catalyst consisting of vanadium oxide on a carrier like alumina, bauxite etc., the catalyst being prepared by impregnation of carriers with a solution of vanadium salt and subsequently drying and calcining the impregnated carrier material.

114883. A. M. Shah. Valves. Accepted on 2nd January 1969.

Comprising a body having an inlet and outlet a collar fixed within the body and having a sloping face which engages a complementary sloping face of a cock arranged within the body and free to rotate and to move in a linear direction for controlling the flow of fluid and a spindle.

116183. Ciba Limited. Pesticidal preparations containing phosphoric acid esters. [Divisional date 11th July 1967]. Accepted on 1st January 1969.

Comprising as active ingredient one or more phosphoric acid ester with a suitable carrier.

116556. Uniroyal Englebert France. Improvements in or relating to pneumatic tires for vehicles. Accepted on 2nd January 1969.

A supplementary tire cord ply structure is built into the carcass at least partly under the breaker and extending laterally from the crown region of the carcass into the radially outwardmost zone of at least one of the side walls for additionally reinforcing the same.

117355. Algemeen Kunstzijde Unie N. V. An improved process and apparatus for the expansion of a crimped yarn. Accepted on 26th December 1968.

The yarn is first passed through a relaxation zone in which it is substantially intensioned and is subsequently subjected to sufficient frictional force to displace the filaments relative to one another.

117636. Leesona Corporation. Improvements in or relating to bobbins for automatic bobbin winding machines. [Divisional date 17th July 1967]. Accepted on 31st December 1968.

Having a base and an apical end, in which a recess of predetermined depth is formed therein, said recess being configured to co-operate with a sensing element.

Opposition Proceeding

An opposition has been entered by Council of Scientific and Industrial Research to the grant of a patent on application No. 108244, made by Ruddarraju Venkatraju.

Patents Sealed

104225. 104507. 105390. 105901. 106190. 106225. 106413. 107083. 107205. 107302. 107640. 108032. 108033. 108135. 108237. 108263. 108283. 108356. 108365. 108398. 108475. 108492. 108914. 108955. 109017. 109117. 109140. 109521. 109772. 109912. 109957. 109982. 110802. 111017. 111069. 111418. 111656. 111659. 111810. 112260. 112367. 112601. 112704. 112706.

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Naradi, Narodni Podnik Praha, Praha, Czechoslovakia, a national corporation of Czechoslovakia, seek leave to amend the claims in the specification in respect of the patent application No. 102165. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that McDowell-Wellman Engineering Company, a corporation incorporated in the State of Ohio, United States of America, and having its place of business at 113, St. Clair Avenue N.E., Cleveland Ohio, 44114, U.S.A., seek leave to amend the specification in respect of the patent application No. 109150. Any person desirous of opposing the application for amendments should at any time within three months from the date of this Gazette, give notice to his intention to do so on the prescribed form (form 6 of the Indian Patents & Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the patent office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Indian Oxygen Limited, an Indian Company of 48/1 Diamond Harbour Road, Calcutta-27, West Bengal, India, Manufacturer of Gases, seek leave to amend the description and claims in the specification in respect of the patent application No. 109268. Any person desirous of opposing the application for amendments should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that F. L. Smidth & Co. A/S., of 77, Vigerslev Alle, Copenhagen-Valby, Denmark, a Company organised under the Laws of Denmark, seek leave to amend the figures of the drawings in the drawings in respect of the patent application No. 109330. Any person desirous of opposing the application for amendment should at any time within the three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

51080. 51127. 51225. 53450. 53475. 53478. 53486. 53491. 53504. 53513. 53613. 53618. 53640. 53746. 56286. 56289. 56290. 56327. 56364. 56369. 56386. 56387. 56545. 56797. 56798. 57008. 57047. 57428. 59110. 59374. 59391. 59392. 59476. 59477. 59479. 59690. 59963. 59970. 60032. 60254. 60837. 61464. 61987. 62736. 62737. 62772. 62884. 62934. 62994. 63087. 63461. 63556. 64070. 64181. 64196. 65115. 65151. 65168. 65169. 65170. 65677. 66225. 66290. 66291. 66299. 66300. 66301. 66302. 66303. 66304. 66346. 66445. 66446. 66467. 66506. 66561. 66581. 66593. 66595. 66596. 66615. 66649. 66792. 67014. 67017. 67339. 67488. 67797. 68116. 68826. 69276. 69315. 69707. 69827. 70247. 70267. 70286. 70299. 70300. 70307. 70321. 70322. 70323. 70324. 70405. 70531. 70534. 70535. 70579. 70607. 70718. 70901.

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 81914. 83577. 85476. 85635. 85858. 85880. 85952. 85956.
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 87312. 87924. 91291. 91508. 91519. 91546. 91547. 91551.
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 91929. 91958. 91964. 91984. 91995. 92041. 92450. 92522.
 92623. 92679. 92683. 92785. 92990. 93119. 93148. 93149.
 93158. 93699. 94481. 95332. 95333. 95334. 95335. 96260.
 96635. 97225. 97261. 97265. 97277. 97278. 97329. 97346.
 97347. 97357. 97361. 97365. 97375. 97377. 97419. 97474.
 97478. 97500. 97519. 97523. 97529. 97530. 97531. 97532.
 97562. 97623. 97631. 97632. 97635. 97640. 97642. 97671.
 97798. 97862. 97988. 97998. 98001. 98109. 98115. 98123.
 98204. 98293. 98364. 98470. 98605. 103165. 103376. 105800.
 107482.

Cessation of Patents

82117. 82123.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 71382—Jal Nadirshaw Vazifdar.

The patent ceased on the 8th April 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 8th August 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 22nd February 1969.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 85657—Kondiba Venkoba Javalkar.

The patent ceased on the 17th December 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 6th July 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 22nd February 1969.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 90598—Chandnben Chandulal Dixit.

The patent ceased on the 4th November 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 21st December 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 22nd February 1969.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 133814. Mex Electro Corporation, Mandi Road, Jullunder City (Punjab), Indian partnership concern. "Electric starters", May 18, 1968.

Class 1. No. 133861. Sudhaben Chandrakant Shah, Indian, C/o Dr. C. S. Shah, No. 1, Professor's Quarters, Vallabh Vidya Nagar, Gujarat, India, "Slide rules", May 24, 1968.

Class 1. No. 134055. Kantilal Keshavlal Sheth, An Indian Citizen, 19, Vallabhbhair Road, Vile-Parle (West), Bombay-56, Maharashtra, India, "Ice-pick", June 17, 1968.

Class 1. No. 134081. Honlock Industries, Upper Fort, Sheikh Dawood, Aligarh, U.P., an Indian Partnership firm, "Tumbler Pad Lock", June 19, 1968.

Class 1. No. 134197. Mahesh Chandra & Brother, Indian Partnership Concern, Amroha Gate, P.O. Moradabad, U.P. "Container", July 11, 1968.

Class 1. No. 134392. Chillarige Sivajee Rao, Hanumanulapet, Vijayawada 3, Andhra Pradesh, India, an Indian, "Cooking vessels", August 21, 1968.

Class 1. No. 134393. Chillarige Sivajee Rao, Hanumanulapet, Vijayawada 3, Andhra Pradesh, India, an Indian, "Idly trays", August 21, 1968.

Class 1. No. 134402. Union Carbide India Limited, 1, Middleton Street, Calcutta 16, West Bengal, India, an Indian Company, "A flashlight", August 22, 1968.

Class 1. Nos. 134451 to 134458. Elegant Industries Private Limited, (A Company registered under the Indian Companies Act.), Udyog Bhavan, 250-D, Worli, Bombay-18, (Maharashtra), "Brooch", August 26, 1968.

Class 3. No. 134231. Artisto Chemical Laboratories (Indian Partnership Firm), Agarwal Estate, 139-D, Godbunder Road, Jogeshwari, Bombay-60, (Maharashtra), "Container", July 15, 1968.

Class 3. No. 134396. Laxmi Products, an Indian Sole Proprietary Firm, Laxmi Niwas, Old Bombay Agra Road, Near Marathi Dagdi School No. 2, Thana, Maharashtra, "Three pin multi plug", August 21, 1968.

Class 3. No. 134547. (1) Mahalingam Sabesan (2) Mahalingam Ramachandran (3) Venkatadri Parthasarathy (4) Natarajan Ganapathiraman (5) Ramachandran Sridharan (6) Ramachandran Sashidharan and (7) (Mrs.) Lalitha Seetharaman, C/o Fabrimats, 50/1 Elliotts Beach Road, Guindy, Madras-32, India, all Indian Nationals, "Grilles", September 16, 1968.

Class 3. No. 134572. Karmayog Industries, an Indian Partnership firm of Lentin Chambers (3rd Floor), 36 Dalal Street, Fort, Bombay-1, State of Maharashtra, India, "The sole of a footwear", September 23, 1968.

Class 5. No. 134024. Collins & Company, an Indian Partnership firm, Bentex Building, Tulsiwadi, Off Tardeo Road, City of Bombay, State of Maharashtra, India, "Display boxes", June 11, 1968.

Class 5. No. 134548. (1) Mahalingam Sabesan (2) Mahalingam Ramachandran (3) Venkatadri Parthasarathy (4) Natarajan Ganapathiraman (5) Ramachandran Sridharan (6) Ramachandran Sashidharan and (7) (Mrs.) Lalitha Seetharaman, C/o Fabrimats, 50/1 Elliotts Beach Road, Guindy, Madras-32, India, all Indian Nationals, "Grilles", September 16, 1968.

Class 10. No. 134054. Carona Sahu Co., Private Ltd., an Indian Limited Company, Registered under the Indian Companies' Act, 221, Dr. D. N. Road, Fort, Bombay-1, Maharashtra, India, "Footwear", June 17, 1968.

Class 12. No. 134345. The Calcutta Chemical Co., Ltd., an Indian Public Limited Joint Stock Company registered under Indian Companies Act, 1913, 35, Panditia Road, Calcutta-29, West Bengal, "Soap cakes", August 6, 1968.

Class 13. No. 134578. Jalan Dyeing & Bleaching Mills, 95 Fergusson Road, Lower Parel, Bombay-13, Nationality—Indian, "Textile goods", September 23, 1968.

Class 13. Nos. 134820 to 134844 and 134846 to 134850. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas

Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", November 16, 1968.

Class 13. Nos. 134551 to 134553. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", September 17, 1968.

Class 14. No. 134554. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", September 17, 1968.

S. VEDARAMAN

Controller General of Patents, Designs and Trade Marks.